



Electronic Filing System (EFS) Data

Electronic Patent Application Submission

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EFS ID: 57633
Application ID: 10707744 
Title of Invention: Multiple-Input Multiple-Output
Radio Transceiver
First Named Inventor: Gary Sugar
Domestic/Foreign Application: Domestic Application
Filing Date: 2004-01-08
Effective Receipt Date: 2004-03-23
Submission Type: Information Disclosure
Statement
Filing Type:
Confirmation number: 1743
Attorney Docket Number: Cognio50US2

Total Fees Authorized:

Digital Certificate Holder: cn=D. Andrew Floam,ou=Registered Attorneys,ou=Patent and Trademark
Office,ou=Department of Commerce,o=U.S. Government,c=US
Certificate Message Digest: 07ac79ce4ac3575e4af64a7ac8a6589bb6ea04a6



TRANSMITTAL

Electronic Version v1.1
Stylesheet Version v1.1.0

Title of Invention	Multiple-Input Multiple-Output Radio Transceiver	
Application Number:	10/707744 	
Date:	2004-01-08	
First Named Applicant:	Mr. Gary L. Sugar	
Confirmation Number:	1743	
Attorney Docket Number:	Cognio50US2	
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Submitted by:	Elec. Sign.	Sign. Capacity
Mr. Andrew Floam Registered Number: 34597	daf/	Agent
Documents being submitted	Files	
us-ids	IDS-usidst.xml	
	us-ids.dtd	
	us-ids.xsl	
Comments		



ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18
Stylesheet Version v18.0

Title of Invention	Multiple-Input Multiple-Output Radio Transceiver						
Application Number: 10/707744 Confirmation Number: 1743 First Named Applicant: Gary Sugar Attorney Docket Number: Cognio50US2 Art Unit: 2681 Search string: (5752169 or 6252548 or 6351502 or 5758265 or 5966666 or 6125266 or 6477148 or 4580289 or 5606736 or 5220688 or 5878332 or 5832375 or 6282413 or 6259895 or 5974306 or 5715529 or 6351502 or 20030035491 or 20010015994).pn.							

US Patent Documents								
Note: Applicant is not required to submit a paper copy of cited US Patent Documents								
init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass	
	1	5752169	1998-05-12	Hareyama et al		455	76	
	2	6252548	2001-06-26	Jeon	B1	342	383	
	3	6351502	2002-02-26	Zargari				
	4	5758265	1998-05-26	Okanobu				
	5	5966666	1999-10-01	Yamaguchi et al		455	552.1	
	6	6125266	2000-09-01	Matero et al		455	553.1	
	7	6477148	2002-11-05	Gardenfors et al	B1	370	280	
	8	4580289	1986-04-01	Enderby				
	9	5606736	1997-02-25	Hasler et al				
	10	5220688	1993-06-15	Tao				
	11	5878332	1999-03-02	Wang et al				
	12	5832375	1998-11-03	Leisten et al				
	13	6282413	2001-08-28	Baltus				
	14	6259895	2001-07-10	Yoshikawa et al				
	15	5974306	1999-10-26	Hornak et al				

	16	5715529	1998-02-03	Kianush et al
	17	6351502	2002-02-26	Zargari

US Published Applications

Note: Applicant is not required to submit a paper copy of cited US Published Applications

init	Cite.No.	Pub. No.	Date	Applicant	Kind	Class	Subclass
	1	20030035491	2003-02-20	Walton et al	A1	375	267
	2	20010015994	2001-08-23	Nam			

Signature

Examiner Name	Date